

Rotating Balloon Expandable Sheath Bifurcation Delivery

5 ABSTRACT OF THE DISCLOSURE

A stent delivery assembly comprises a balloon catheter with a rotatable assembly disposed thereabout. The rotatable assembly comprises a rotatable sheath which in a reduced state is freely rotatable about the medical balloon and when in the expanded state is frictionally engaged by the expanded balloon. A secondary guide wire housing is at least partially engaged to the rotatable sheath. A stent may be disposed about at least a portion of the rotatable sheath and at least a portion of the secondary guide wire housing so that a distal end portion of the secondary guide wire housing exits the flow path of the stent through one of the plurality of cell openings which the stent defines.